SCORE Search Results Details for Application 10522883 and Search Result 20070814_110124_us-10-522-883-2.rai.

This page gives you Search Results detail for the Application 10522883 and Search Result 20070814_110124_us-10-522-883-2.rai.

Go Back to previous page

```
                          GenCore version 6.2.1
                    Copyright (c) 1993 - 2007  Biocceleration Ltd.


OM protein - protein search, using sw model

Run on:          August 14, 2007, 11:02:42 ; Search time 38 Seconds
                                            (without alignments)
                                           574.907 Million cell updates/sec

Title:           US-10-522-883-2
Perfect score:   801
Sequence:        1 MDCDIEGKDGKQYESVLMVS.........RLLQEIKTCWNKILMGTKEH 153

Scoring table:   BLOSUM62
                 Gapop 10.0 , Gapext 0.5

Searched:        983262 seqs, 142787483 residues

Total number of hits satisfying chosen parameters:      983262

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
                  Maximum Match 100%
                  Listing first 45 summaries

Database :        Issued_Patents_AA:*
                 1:  /EMC_Celerra_SIDS2/ptodata/1/iaa/5_COMB.pep:*
                 2:  /EMC_Celerra_SIDS2/ptodata/1/iaa/6_COMB.pep:*
                 3:  /EMC_Celerra_SIDS2/ptodata/1/iaa/7_COMB.pep:*
                 4:  /EMC_Celerra_SIDS2/ptodata/1/iaa/H_COMB.pep:*
                 5:  /EMC_Celerra_SIDS2/ptodata/1/iaa/PCTUS_COMB.pep:*
                 6:  /EMC_Celerra_SIDS2/ptodata/1/iaa/RE_COMB.pep:*
                 7:  /EMC_Celerra_SIDS2/ptodata/1/iaa/backfiles1.pep:*

     Pred. No. is the number of results predicted by chance to have a
     score greater than or equal to the score of the result being printed,
     and is derived by analysis of the total score distribution.

                                   SUMMARIES

                  %
Result            Query
  No.    Score    Match  Length DB  ID                      Description
-------------------------------------------------------------------------
    1      796    99.4     152  1  US-08-318-193-84         Sequence 84, Appl
    2      796    99.4     177  1  US-08-284-393B-7         Sequence 7, Appli
    3      796    99.4     177  1  US-08-446-908-4          Sequence 4, Appli
    4      796    99.4     177  1  US-08-231-205A-4         Sequence 4, Appli
    5      796    99.4     177  1  US-08-871-161-4          Sequence 4, Appli
    6      796    99.4     177  2  US-09-462-941-14         Sequence 14, Appl
    7      796    99.4     177  3  US-10-400-377-14         Sequence 14, Appl
    8      796    99.4     177  3  US-10-298-148-14         Sequence 14, Appl
    9      796    99.4     177  3  US-10-773-654-14         Sequence 14, Appl
```

10	796	99.4	177	3	US-10-774-149-14	Sequence 14, Appl
11	796	99.4	177	3	US-10-325-899-9345	Sequence 9345, Ap
12	796	99.4	177	5	PCT-US95-08950-7	Sequence 7, Appli
13	796	99.4	200	2	US-09-949-016-8732	Sequence 8732, Ap
14	765.5	95.6	151	7	5229115-1	Patent No. 5229115
15	425	53.1	89	2	US-09-621-976-6902	Sequence 6902, Ap
16	416.5	52.0	154	1	US-08-446-908-2	Sequence 2, Appli
17	416.5	52.0	154	1	US-08-231-205A-2	Sequence 2, Appli
18	416.5	52.0	154	2	US-08-871-161-2	Sequence 2, Appli
19	409.5	51.1	129	7	5229115-2	Patent No. 5229115
20	100	12.5	24	1	US-08-446-908-12	Sequence 12, Appl
21	100	12.5	24	1	US-08-231-205A-12	Sequence 12, Appl
22	100	12.5	24	1	US-08-871-161-12	Sequence 12, Appl
23	83.5	10.4	1093	2	US-09-315-793-52	Sequence 52, Appl
24	83.5	10.4	1093	2	US-09-538-092-701	Sequence 701, App
25	83	10.4	843	1	US-08-867-129-2	Sequence 2, Appli
26	82.5	10.3	1076	2	US-09-949-016-7421	Sequence 7421, Ap
27	77.5	9.7	357	2	US-09-692-570-9	Sequence 9, Appli
28	77	9.6	214	2	US-09-248-796A-17440	Sequence 17440, A
29	76.5	9.6	214	2	US-09-853-450-34	Sequence 34, Appl
30	76.5	9.6	214	3	US-10-666-642-1368	Sequence 1368, Ap
31	76.5	9.6	5071	3	US-10-668-767-58	Sequence 58, Appl
32	74.5	9.3	205	3	US-10-703-032-181819	Sequence 181819,
33	74.5	9.3	278	3	US-10-703-032-139778	Sequence 139778,
34	74.5	9.3	341	2	US-09-724-623-90	Sequence 90, Appl
35	74.5	9.3	341	3	US-10-288-930-90	Sequence 90, Appl
36	74	9.2	876	3	US-09-619-049-783	Sequence 783, App
37	73.5	9.2	1036	2	US-08-891-640-3	Sequence 3, Appli
38	73.5	9.2	1036	2	US-09-842-256-3	Sequence 3, Appli
39	73.5	9.2	1061	2	US-08-701-154A-5	Sequence 5, Appli
40	73	9.1	314	1	US-08-989-478-4	Sequence 4, Appli
41	73	9.1	314	2	US-08-996-685-4	Sequence 4, Appli
42	73	9.1	905	2	US-09-248-796A-16333	Sequence 16333, A
43	72.5	9.1	401	2	US-09-248-796A-15287	Sequence 15287, A
44	72.5	9.1	1854	2	US-09-004-838-108	Sequence 108, App
45	72.5	9.1	3210	2	US-09-538-092-1154	Sequence 1154, Ap

ALIGNMENTS

```
RESULT 1
US-08-318-193-84
; Sequence 84, Application US/08318193
; Patent No. 5641663
;  GENERAL INFORMATION:
;    APPLICANT:  GARVIN, Robert T.
;    APPLICANT:  MALEK, Lawrence T.
;    TITLE OF INVENTION:  AN EXPRESSION SYSTEM FOR THE SECRETION
;    TITLE OF INVENTION:  OF BIOACTIVE HUMAN GRANULOCYTE MACROPHAGE COLONY
;    TITLE OF INVENTION:  STIMULATING FACTOR (GM-CSF) AND OTHER HETEROLOGOUS
;    TITLE OF INVENTION:  PROTEINS FROM STREPTOMYCES
;    NUMBER OF SEQUENCES:  91
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Foley & Lardner
;      STREET:  1800 Diagonal Road, Suite 500
;      CITY:  Alexandria
;      STATE:  Virginia
;      COUNTRY:  USA
;      ZIP:  22313-0299
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/318,193
;      FILING DATE:
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US/07/935,314
;      FILING DATE:
;      APPLICATION NUMBER:  US 07/224,568
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  BENT, Stephen A.
;      REGISTRATION NUMBER:  29,768
```

```
;      REFERENCE/DOCKET NUMBER:  18740/116 CACO
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (703)836-9300
;      TELEFAX:  (703)683-4109
;      TELEX:  899149
;  INFORMATION FOR SEQ ID NO:  84:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  152 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-318-193-84

  Query Match             99.4%;  Score 796;  DB 1;  Length 152;
  Best Local Similarity   100.0%;  Pred. No. 4.4e-85;
  Matches  152;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          2 DCDIEGKDGKQYESVLMVSIDQLLDSMKEIGSNCLNNEFNFFKRHICDANKEGMFLFRAA 61
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          1 DCDIEGKDGKQYESVLMVSIDQLLDSMKEIGSNCLNNEFNFFKRHICDANKEGMFLFRAA 60

Qy         62 RKLRQFLKMNSTGDFDLHLLKVSEGTTILLNCTGQVKGRKPAALGEAQPTKSLEENKSLK 121
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         61 RKLRQFLKMNSTGDFDLHLLKVSEGTTILLNCTGQVKGRKPAALGEAQPTKSLEENKSLK 120

Qy        122 EQKKLNDLCFLKRLLQEIKTCWNKILMGTKEH 153
              ||||||||||||||||||||||||||||||||
Db        121 EQKKLNDLCFLKRLLQEIKTCWNKILMGTKEH 152


RESULT 2
US-08-284-393B-7
; Sequence 7, Application US/08284393B
; Patent No. 5696234
;  GENERAL INFORMATION:
;    APPLICANT:  Zurawski, Sandra M.
;    APPLICANT:  Zurawski, Gerard
;    TITLE OF INVENTION:  MUTEINS OF MAMMALIAN CYTOKINES
;    NUMBER OF SEQUENCES:  16
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  DNAX Research Institute
;      STREET:  901 California Avenue
;      CITY:  Palo Alto
;      STATE:  California
;      COUNTRY:  USA
;      ZIP:  94304-1104
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/284,393B
;      FILING DATE:  01-AUG-1994
;      CLASSIFICATION:  435
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Ching, Edwin P.
;      REGISTRATION NUMBER:  34,090
;      REFERENCE/DOCKET NUMBER:  DX0389
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  415-852-9196
;      TELEFAX:  415-496-1200
;  INFORMATION FOR SEQ ID NO:  7:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  177 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  peptide
US-08-284-393B-7

  Query Match             99.4%;  Score 796;  DB 1;  Length 177;
  Best Local Similarity   100.0%;  Pred. No. 5.4e-85;
  Matches  152;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          2 DCDIEGKDGKQYESVLMVSIDQLLDSMKEIGSNCLNNEFNFFKRHICDANKEGMFLFRAA 61
```

```
                 ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         26 DCDIEGKDGKQYESVLMVSIDQLLDSMKEIGSNCLNNEFNFFKRHICDANKEGMFLFRAA 85

Qy         62 RKLRQFLKMNSTGDFDLHLLKVSEGTTILLNCTGQVKGRKPAALGEAQPTKSLEENKSLK 121
                 ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         86 RKLRQFLKMNSTGDFDLHLLKVSEGTTILLNCTGQVKGRKPAALGEAQPTKSLEENKSLK 145

Qy        122 EQKKLNDLCFLKRLLQEIKTCWNKILMGTKEH 153
                 ||||||||||||||||||||||||||||||||
Db        146 EQKKLNDLCFLKRLLQEIKTCWNKILMGTKEH 177


RESULT 3
US-08-446-908-4
; Sequence 4, Application US/08446908
; Patent No. 5705149
;  GENERAL INFORMATION:
;    APPLICANT:  Namen, Anthony E.
;    APPLICANT:  Goodwin, Raymond G.
;    APPLICANT:  Lupton, Stephen D.
;    APPLICANT:  Mochizuki, Diane Y.
;    TITLE OF INVENTION:  Interleukin-7 and Antibodies Reactive
;    TITLE OF INVENTION:  Therewith
;    NUMBER OF SEQUENCES:  17
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Immunex Corporation
;      STREET:  51 University Street
;      CITY:  Seattle
;      STATE:  WA
;      COUNTRY:  US
;      ZIP:  98101
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  Apple Macintosh
;      OPERATING SYSTEM:  Apple 7.1
;      SOFTWARE:  Microsoft Word, Version 5.1a
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/446,908
;      FILING DATE:  22-MAY-1995
;      CLASSIFICATION:  514
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 08/231,205
;      FILING DATE:  21-APR-1994
;      APPLICATION NUMBER:  US 07/957,649
;      FILING DATE:  06-OCT-1992
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 07/511,438
;      FILING DATE:  13-APR-1990
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 07/255,209
;      FILING DATE:  07-OCT-1988
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 07/113,566
;      FILING DATE:  26-OCT-1987
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Seese, Kathryn A.
;      REGISTRATION NUMBER:  32,172
;      REFERENCE/DOCKET NUMBER:  2104-D
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (206) 587-0430
;      TELEFAX:  (206) 233-0644
;  INFORMATION FOR SEQ ID NO:  4:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  177 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-446-908-4

  Query Match             99.4%;  Score 796;  DB 1;  Length 177;
  Best Local Similarity   100.0%;  Pred. No. 5.4e-85;
  Matches  152;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          2 DCDIEGKDGKQYESVLMVSIDQLLDSMKEIGSNCLNNEFNFFKRHICDANKEGMFLFRAA 61
                 ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         26 DCDIEGKDGKQYESVLMVSIDQLLDSMKEIGSNCLNNEFNFFKRHICDANKEGMFLFRAA 85
```

```
Qy          62 RKLRQFLKMNSTGDFDLHLLKVSEGTTILLNCTGQVKGRKPAALGEAQPTKSLEENKSLK 121
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          86 RKLRQFLKMNSTGDFDLHLLKVSEGTTILLNCTGQVKGRKPAALGEAQPTKSLEENKSLK 145

Qy         122 EQKKLNDLCFLKRLLQEIKTCWNKILMGTKEH 153
               ||||||||||||||||||||||||||||||||
Db         146 EQKKLNDLCFLKRLLQEIKTCWNKILMGTKEH 177


RESULT 4
US-08-231-205A-4
; Sequence 4, Application US/08231205A
; Patent No. 5714585
;  GENERAL INFORMATION:
;    APPLICANT:  Namen, Anthony E.
;    APPLICANT:  Goodwin, Raymond G.
;    APPLICANT:  Lupton, Stephen D.
;    APPLICANT:  Mochizuki, Diane Y.
;    TITLE OF INVENTION:  Interleukin-7 and Antibodies Reactive
;    TITLE OF INVENTION:  Therewith
;    NUMBER OF SEQUENCES:  17
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Immunex Corporation
;      STREET:  51 University Street
;      CITY:  Seattle
;      STATE:  WA
;      COUNTRY:  US
;      ZIP:  98101
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  Apple Macintosh
;      OPERATING SYSTEM:  Apple 7.1
;      SOFTWARE:  Microsoft Word, Version 5.1a
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/231,205A
;      FILING DATE:  21-APR-1994
;      CLASSIFICATION:  424
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 07/957,649
;      FILING DATE:  06-OCT-1992
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 07/511,438
;      FILING DATE:  13-APR-1990
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 07/255,209
;      FILING DATE:  07-OCT-1988
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 07/113,566
;      FILING DATE:  26-OCT-1987
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Seese, Kathryn A.
;      REGISTRATION NUMBER:  32,172
;      REFERENCE/DOCKET NUMBER:  2104-D
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (206) 587-0430
;      TELEFAX:  (206) 233-0644
;  INFORMATION FOR SEQ ID NO:  4:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  177 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-231-205A-4

  Query Match             99.4%;  Score 796;  DB 1;  Length 177;
  Best Local Similarity   100.0%;  Pred. No. 5.4e-85;
  Matches  152;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy           2 DCDIEGKDGKQYESVLMVSIDQLLDSMKEIGSNCLNNEFNFFKRHICDANKEGMFLFRAA 61
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          26 DCDIEGKDGKQYESVLMVSIDQLLDSMKEIGSNCLNNEFNFFKRHICDANKEGMFLFRAA 85

Qy          62 RKLRQFLKMNSTGDFDLHLLKVSEGTTILLNCTGQVKGRKPAALGEAQPTKSLEENKSLK 121
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          86 RKLRQFLKMNSTGDFDLHLLKVSEGTTILLNCTGQVKGRKPAALGEAQPTKSLEENKSLK 145
```

```
Qy         122 EQKKLNDLCFLKRLLQEIKTCWNKILMGTKEH 153
               |||||||||||||||||||||||||||||||||
Db         146 EQKKLNDLCFLKRLLQEIKTCWNKILMGTKEH 177


RESULT 5
US-08-871-161-4
; Sequence 4, Application US/08871161
; Patent No. 5965122
;  GENERAL INFORMATION:
;     APPLICANT:  Namen, Anthony E.
;     APPLICANT:  Goodwin, Raymond G.
;     APPLICANT:  Lupton, Stephen D.
;     APPLICANT:  Mochizuki, Diane Y.
;     TITLE OF INVENTION:  Interleukin-7 and Antibodies Reactive
;     TITLE OF INVENTION:  Therewith
;     NUMBER OF SEQUENCES:  17
;     CORRESPONDENCE ADDRESS:
;       ADDRESSEE:  Immunex Corporation
;       STREET:  51 University Street
;       CITY:  Seattle
;       STATE:  WA
;       COUNTRY:  US
;       ZIP:  98101
;     COMPUTER READABLE FORM:
;       MEDIUM TYPE:  Floppy disk
;       COMPUTER:  Apple Macintosh
;       OPERATING SYSTEM:  Apple 7.1
;       SOFTWARE:  Microsoft Word, Version 5.1a
;     CURRENT APPLICATION DATA:
;       APPLICATION NUMBER:  US/08/871,161
;       FILING DATE:  09-JUN-1997
;       CLASSIFICATION:  435
;     PRIOR APPLICATION DATA:
;       APPLICATION NUMBER:  US 08/446,908
;       FILING DATE:  22-MAY-1995
;       APPLICATION NUMBER:  US 08/231,205
;       FILING DATE:  21-APR-1994
;       APPLICATION NUMBER:  US 07/957,649
;       FILING DATE:  06-OCT-1992
;     PRIOR APPLICATION DATA:
;       APPLICATION NUMBER:  US 07/511,438
;       FILING DATE:  13-APR-1990
;     PRIOR APPLICATION DATA:
;       APPLICATION NUMBER:  US 07/255,209
;       FILING DATE:  07-OCT-1988
;     PRIOR APPLICATION DATA:
;       APPLICATION NUMBER:  US 07/113,566
;       FILING DATE:  26-OCT-1987
;     ATTORNEY/AGENT INFORMATION:
;       NAME:  Seese, Kathryn A.
;       REGISTRATION NUMBER:  32,172
;       REFERENCE/DOCKET NUMBER:  2104-D
;     TELECOMMUNICATION INFORMATION:
;       TELEPHONE:  (206) 587-0430
;       TELEFAX:  (206) 233-0644
;   INFORMATION FOR SEQ ID NO:  4:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  177 amino acids
;       TYPE:  amino acid
;       TOPOLOGY:  linear
;     MOLECULE TYPE:  protein
US-08-871-161-4

  Query Match             99.4%;  Score 796;  DB 1;  Length 177;
  Best Local Similarity   100.0%;  Pred. No. 5.4e-85;
  Matches  152;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy           2 DCDIEGKDGKQYESVLMVSIDQLLDSMKEIGSNCLNNEFNFKKHICDANKEGMFLFRAA 61
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          26 DCDIEGKDGKQYESVLMVSIDQLLDSMKEIGSNCLNNEFNFKKHICDANKEGMFLFRAA 85

Qy          62 RKLRQFLKMNSTGDFDLHLLKVSEGTTILLNCTGQVKGRKPAALGEAQPTKSLEENKSLK 121
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          86 RKLRQFLKMNSTGDFDLHLLKVSEGTTILLNCTGQVKGRKPAALGEAQPTKSLEENKSLK 145
```

```
Qy         122 EQKKLNDLCFLKRLLQEIKTCWNKILMGTKEH 153
               ||||||||||||||||||||||||||||||||
Db         146 EQKKLNDLCFLKRLLQEIKTCWNKILMGTKEH 177


RESULT 6
US-09-462-941-14
; Sequence 14, Application US/09462941
; Patent No. 6608183
; GENERAL INFORMATION:
;  APPLICANT: Cox III, George N
;  APPLICANT:  Bolder Biotechnology, Inc.
;  TITLE OF INVENTION: Derivatives of Growth Hormone and Related Proteins
;  FILE REFERENCE: 4152-1-PUS
;  CURRENT APPLICATION NUMBER: US/09/462,941
;  CURRENT FILING DATE:  2000-01-14
;  PRIOR APPLICATION NUMBER: 60/052,516
;  PRIOR FILING DATE: 1997-07-14
;  NUMBER OF SEQ ID NOS: 41
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 14
;   LENGTH: 177
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-462-941-14

  Query Match           99.4%;  Score 796;  DB 2;  Length 177;
  Best Local Similarity   100.0%;  Pred. No. 5.4e-85;
  Matches  152;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          2 DCDIEGKDGKQYESVLMVSIDQLLDSMKEIGSNCLNNEFNFFKRHICDANKEGMFLFRAA 61
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         26 DCDIEGKDGKQYESVLMVSIDQLLDSMKEIGSNCLNNEFNFFKRHICDANKEGMFLFRAA 85

Qy         62 RKLRQFLKMNSTGDFDLHLLKVSEGTTILLNCTGQVKGRKPAALGEAQPTKSLEENKSLK 121
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         86 RKLRQFLKMNSTGDFDLHLLKVSEGTTILLNCTGQVKGRKPAALGEAQPTKSLEENKSLK 145

Qy        122 EQKKLNDLCFLKRLLQEIKTCWNKILMGTKEH 153
              ||||||||||||||||||||||||||||||||
Db        146 EQKKLNDLCFLKRLLQEIKTCWNKILMGTKEH 177


RESULT 7
US-10-400-377-14
; Sequence 14, Application US/10400377
; Patent No. 7148333
; GENERAL INFORMATION:
;  APPLICANT: Cox III, George N
;  APPLICANT:  Bolder Biotechnology, Inc.
;  TITLE OF INVENTION: Derivatives of Growth Hormone and Related Proteins
;  FILE REFERENCE: 4152-1-PUS
;  CURRENT APPLICATION NUMBER: US/10/400,377
;  CURRENT FILING DATE:  2003-03-26
;  PRIOR APPLICATION NUMBER: US/09/462,941
;  PRIOR FILING DATE: 2000-01-14
;  PRIOR APPLICATION NUMBER: 60/052,516
;  PRIOR FILING DATE: 1997-07-14
;  NUMBER OF SEQ ID NOS: 41
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 14
;   LENGTH: 177
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-10-400-377-14

  Query Match           99.4%;  Score 796;  DB 3;  Length 177;
  Best Local Similarity   100.0%;  Pred. No. 5.4e-85;
  Matches  152;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          2 DCDIEGKDGKQYESVLMVSIDQLLDSMKEIGSNCLNNEFNFFKRHICDANKEGMFLFRAA 61
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         26 DCDIEGKDGKQYESVLMVSIDQLLDSMKEIGSNCLNNEFNFFKRHICDANKEGMFLFRAA 85

Qy         62 RKLRQFLKMNSTGDFDLHLLKVSEGTTILLNCTGQVKGRKPAALGEAQPTKSLEENKSLK 121
```

```
                 ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          86 RKLRQFLKMNSTGDFDLHLLKVSEGTTILLNCTGQVKGRKPAALGEAQPTKSLEENKSLK 145

Qy         122 EQKKLNDLCFLKRLLQEIKTCWNKILMGTKEH 153
                 |||||||||||||||||||||||||||||||
Db         146 EQKKLNDLCFLKRLLQEIKTCWNKILMGTKEH 177


RESULT 8
US-10-298-148-14
; Sequence 14, Application US/10298148
; Patent No. 7153963
; GENERAL INFORMATION:
;  APPLICANT: Cox III, George N
;  APPLICANT:  Bolder Biotechnology, Inc.
;  TITLE OF INVENTION: Derivatives of Growth Hormone and Related Proteins
;  FILE REFERENCE: 4152-1-PUS
;  CURRENT APPLICATION NUMBER: US/10/298,148
;  CURRENT FILING DATE:  2002-11-15
;  PRIOR APPLICATION NUMBER: US/09/462,941
;  PRIOR FILING DATE: 2000-01-14
;  PRIOR APPLICATION NUMBER: 60/052,516
;  PRIOR FILING DATE: 1997-07-14
;  NUMBER OF SEQ ID NOS: 41
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 14
;    LENGTH: 177
;    TYPE: PRT
;    ORGANISM: Homo sapiens
US-10-298-148-14

  Query Match             99.4%;  Score 796;  DB 3;  Length 177;
  Best Local Similarity   100.0%;  Pred. No. 5.4e-85;
  Matches  152;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy           2 DCDIEGKDGKQYESVLMVSIDQLLDSMKEIGSNCLNNEFNFFKRHICDANKEGMFLFRAA 61
                 ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          26 DCDIEGKDGKQYESVLMVSIDQLLDSMKEIGSNCLNNEFNFFKRHICDANKEGMFLFRAA 85

Qy          62 RKLRQFLKMNSTGDFDLHLLKVSEGTTILLNCTGQVKGRKPAALGEAQPTKSLEENKSLK 121
                 ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          86 RKLRQFLKMNSTGDFDLHLLKVSEGTTILLNCTGQVKGRKPAALGEAQPTKSLEENKSLK 145

Qy         122 EQKKLNDLCFLKRLLQEIKTCWNKILMGTKEH 153
                 |||||||||||||||||||||||||||||||
Db         146 EQKKLNDLCFLKRLLQEIKTCWNKILMGTKEH 177


RESULT 9
US-10-773-654-14
; Sequence 14, Application US/10773654
; Patent No. 7214779
; GENERAL INFORMATION:
;  APPLICANT: Cox III, George N
;  APPLICANT:  Bolder Biotechnology, Inc.
;  TITLE OF INVENTION: Derivatives of Growth Hormone and Related Proteins
;  FILE REFERENCE: 4152-1-PUS
;  CURRENT APPLICATION NUMBER: US/10/773,654
;  CURRENT FILING DATE:  2004-02-05
;  PRIOR APPLICATION NUMBER: US/10/400,377
;  PRIOR FILING DATE: 2003-03-26
;  PRIOR APPLICATION NUMBER: US/09/462,941
;  PRIOR FILING DATE: 2000-01-14
;  PRIOR APPLICATION NUMBER: 60/052,516
;  PRIOR FILING DATE: 1997-07-14
;  NUMBER OF SEQ ID NOS: 41
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 14
;    LENGTH: 177
;    TYPE: PRT
;    ORGANISM: Homo sapiens
US-10-773-654-14

  Query Match             99.4%;  Score 796;  DB 3;  Length 177;
  Best Local Similarity   100.0%;  Pred. No. 5.4e-85;
  Matches  152;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;
```

```
Qy          2 DCDIEGKDGKQYESVLMVSIDQLLDSMKEIGSNCLNNEFNFFKRHICDANKEGMFLFRAA 61
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         26 DCDIEGKDGKQYESVLMVSIDQLLDSMKEIGSNCLNNEFNFFKRHICDANKEGMFLFRAA 85

Qy         62 RKLRQFLKMNSTGDFDLHLLKVSEGTTILLNCTGQVKGRKPAALGEAQPTKSLEENKSLK 121
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         86 RKLRQFLKMNSTGDFDLHLLKVSEGTTILLNCTGQVKGRKPAALGEAQPTKSLEENKSLK 145

Qy        122 EQKKLNDLCFLKRLLQEIKTCWNKILMGTKEH 153
              ||||||||||||||||||||||||||||||||
Db        146 EQKKLNDLCFLKRLLQEIKTCWNKILMGTKEH 177


RESULT 10
US-10-774-149-14
; Sequence 14, Application US/10774149
; Patent No. 7232885
; GENERAL INFORMATION:
;  APPLICANT: Cox III, George N
;  APPLICANT:  Bolder Biotechnology, Inc.
;  TITLE OF INVENTION: Derivatives of Growth Hormone and Related Proteins
;  FILE REFERENCE: 4152-1-PUS
;  CURRENT APPLICATION NUMBER: US/10/774,149
;  CURRENT FILING DATE:  2004-02-05
;  PRIOR APPLICATION NUMBER: US/10/400,377
;  PRIOR FILING DATE: 2003-03-26
;  PRIOR APPLICATION NUMBER: US/09/462,941
;  PRIOR FILING DATE: 2000-01-14
;  PRIOR APPLICATION NUMBER: 60/052,516
;  PRIOR FILING DATE: 1997-07-14
;  NUMBER OF SEQ ID NOS: 41
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 14
;   LENGTH: 177
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-10-774-149-14

  Query Match           99.4%;  Score 796;  DB 3;  Length 177;
  Best Local Similarity   100.0%;  Pred. No. 5.4e-85;
  Matches  152;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          2 DCDIEGKDGKQYESVLMVSIDQLLDSMKEIGSNCLNNEFNFFKRHICDANKEGMFLFRAA 61
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         26 DCDIEGKDGKQYESVLMVSIDQLLDSMKEIGSNCLNNEFNFFKRHICDANKEGMFLFRAA 85

Qy         62 RKLRQFLKMNSTGDFDLHLLKVSEGTTILLNCTGQVKGRKPAALGEAQPTKSLEENKSLK 121
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         86 RKLRQFLKMNSTGDFDLHLLKVSEGTTILLNCTGQVKGRKPAALGEAQPTKSLEENKSLK 145

Qy        122 EQKKLNDLCFLKRLLQEIKTCWNKILMGTKEH 153
              ||||||||||||||||||||||||||||||||
Db        146 EQKKLNDLCFLKRLLQEIKTCWNKILMGTKEH 177


RESULT 11
US-10-325-899-9345
; Sequence 9345, Application US/10325899
; Patent No. 7235358
; GENERAL INFORMATION:
;  APPLICANT: Wohlgemuth, Jay
;  APPLICANT:  Fry, Kirk
;  APPLICANT:  Ly, Ngoc
;  APPLICANT:  Woodward, Robert
;  TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING TRANSPLANT
;  TITLE OF INVENTION:  REJECTION
;  FILE REFERENCE: 506612000122
;  CURRENT APPLICATION NUMBER: US/10/325,899
;  CURRENT FILING DATE:  2002-12-20
;  PRIOR APPLICATION NUMBER: US 60/296,764
;  PRIOR FILING DATE: 2001-06-08
;  PRIOR APPLICATION NUMBER: US 10/006,290
;  PRIOR FILING DATE: 2001-10-22
;  PRIOR APPLICATION NUMBER: US 10/131,831
;  PRIOR FILING DATE: 2002-04-24
```

```
;  NUMBER OF SEQ ID NOS: 9966
;  SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9345
;    LENGTH: 177
;    TYPE: PRT
;    ORGANISM: Homo sapiens
US-10-325-899-9345

  Query Match             99.4%;  Score 796;  DB 3;  Length 177;
  Best Local Similarity   100.0%;  Pred. No. 5.4e-85;
  Matches  152;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          2 DCDIEGKDGKQYESVLMVSIDQLLDSMKEIGSNCLNNEFNFFKRHICDANKEGMFLFRAA 61
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         26 DCDIEGKDGKQYESVLMVSIDQLLDSMKEIGSNCLNNEFNFFKRHICDANKEGMFLFRAA 85

Qy         62 RKLRQFLKMNSTGDFDLHLLKVSEGTTILLNCTGQVKGRKPAALGEAQPTKSLEENKSLK 121
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         86 RKLRQFLKMNSTGDFDLHLLKVSEGTTILLNCTGQVKGRKPAALGEAQPTKSLEENKSLK 145

Qy        122 EQKKLNDLCFLKRLLQEIKTCWNKILMGTKEH 153
              ||||||||||||||||||||||||||||||||
Db        146 EQKKLNDLCFLKRLLQEIKTCWNKILMGTKEH 177


RESULT 12
PCT-US95-08950-7
; Sequence 7, Application PC/TUS9508950
;  GENERAL INFORMATION:
;    APPLICANT:  Zurawski, Sandra M.
;    APPLICANT:  Zurawski, Gerard
;    TITLE OF INVENTION:  MUTEINS OF MAMMALIAN CYTOKINES
;    NUMBER OF SEQUENCES:  13
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  DNAX Research Institute
;      STREET:  901 California Avenue
;      CITY:  Palo Alto
;      STATE:  California
;      COUNTRY:  USA
;      ZIP:  94304-1104
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  PCT/US95/08950
;      FILING DATE:
;      CLASSIFICATION:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 08/284,393
;      FILING DATE:  01-AUG-1994
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Ching, Edwin P.
;      REGISTRATION NUMBER:  34,090
;      REFERENCE/DOCKET NUMBER:  DX0389
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  415-852-9196
;      TELEFAX:  415-496-1200
;  INFORMATION FOR SEQ ID NO:  7:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  177 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
PCT-US95-08950-7

  Query Match             99.4%;  Score 796;  DB 5;  Length 177;
  Best Local Similarity   100.0%;  Pred. No. 5.4e-85;
  Matches  152;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          2 DCDIEGKDGKQYESVLMVSIDQLLDSMKEIGSNCLNNEFNFFKRHICDANKEGMFLFRAA 61
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         26 DCDIEGKDGKQYESVLMVSIDQLLDSMKEIGSNCLNNEFNFFKRHICDANKEGMFLFRAA 85
```

```
Qy          62 RKLRQFLKMNSTGDFDLHLLKVSEGTTILLNCTGQVKGRKPAALGEAQPTKSLEENKSLK 121
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          86 RKLRQFLKMNSTGDFDLHLLKVSEGTTILLNCTGQVKGRKPAALGEAQPTKSLEENKSLK 145

Qy         122 EQKKLNDLCFLKRLLQEIKTCWNKILMGTKEH 153
               ||||||||||||||||||||||||||||||||
Db         146 EQKKLNDLCFLKRLLQEIKTCWNKILMGTKEH 177


RESULT 13
US-09-949-016-8732
; Sequence 8732, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
;  APPLICANT: VENTER, J. Craig et al.
;  TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
;  TITLE OF INVENTION:  WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
;  FILE REFERENCE: CL001307
;  CURRENT APPLICATION NUMBER: US/09/949,016
;  CURRENT FILING DATE:  2000-04-14
;  PRIOR APPLICATION NUMBER: 60/241,755
;  PRIOR FILING DATE: 2000-10-20
;  PRIOR APPLICATION NUMBER: 60/237,768
;  PRIOR FILING DATE: 2000-10-03
;  PRIOR APPLICATION NUMBER: 60/231,498
;  PRIOR FILING DATE: 2000-09-08
;  NUMBER OF SEQ ID NOS: 207012
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 8732
;   LENGTH: 200
;   TYPE: PRT
;   ORGANISM: Human
US-09-949-016-8732

  Query Match             99.4%;  Score 796;  DB 2;  Length 200;
  Best Local Similarity   100.0%;  Pred. No. 6.4e-85;
  Matches  152;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy           2 DCDIEGKDGKQYESVLMVSIDQLLDSMKEIGSNCLNNEFNFFKRHICDANKEGMFLFRAA 61
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          49 DCDIEGKDGKQYESVLMVSIDQLLDSMKEIGSNCLNNEFNFFKRHICDANKEGMFLFRAA 108

Qy          62 RKLRQFLKMNSTGDFDLHLLKVSEGTTILLNCTGQVKGRKPAALGEAQPTKSLEENKSLK 121
               ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         109 RKLRQFLKMNSTGDFDLHLLKVSEGTTILLNCTGQVKGRKPAALGEAQPTKSLEENKSLK 168

Qy         122 EQKKLNDLCFLKRLLQEIKTCWNKILMGTKEH 153
               ||||||||||||||||||||||||||||||||
Db         169 EQKKLNDLCFLKRLLQEIKTCWNKILMGTKEH 200


RESULT 14
5229115-1
;Patent No. 5229115
;    APPLICANT: LYNCH, DAVID H.
;    TITLE OF INVENTION: ADOPTIVE IMMUNOTHERAPY WITH INTERLEUKIN-7
;    NUMBER OF SEQUENCES: 2
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/07/559,001
;      FILING DATE: 26-JUL-1990
;SEQ ID NO:1:
;      LENGTH: 151
5229115-1

  Query Match             95.6%;  Score 765.5;  DB 7;  Length 151;
  Best Local Similarity   98.0%;  Pred. No. 1.6e-81;
  Matches  149;  Conservative    0;  Mismatches    2;  Indels    1;  Gaps    1;

Qy           2 DCDIEGKDGKQYESVLMVSIDQLLDSMKEIGSNCLNNEFNFFKRHICDANKEGMFLFRAA 61
               |||| |||||||||||||||||||||||| ||||||||||||||||||||||||||||||
Db           1 DCDIGGKDGKQYESVLMVSIDQLLDSMKEIGSMCLNNEFNFFKRHICDANKEGMFLFRAA 60

Qy          62 RKLRQFLKMNSTGDFDLHLLKVSEGTTILLNCTGQVKGRKPAALGEAQPTKSLEENKSLK 121
               |||||||||||||||||||||||||||||||||||||||||||||||||| ||||||||||
Db          61 RKLRQFLKMNSTGDFDLHLLKVSEGTTILLNCTGQVKGRKPAALGEAQPTKSL-ENKSLK 119
```

```
Qy        122 EQKKLNDLCFLKRLLQEIKTCWNKILMGTKEH 153
              ||||||||||||||||||||||||||||||||
Db        120 EQKKLNDLCFLKRLLQEIKTCWNKILMGTKEH 151


RESULT 15
US-09-621-976-6902
; Sequence 6902, Application US/09621976
; Patent No. 6639063
; GENERAL INFORMATION:
;  APPLICANT: Dumas Milne Edwards, J.B.
;  APPLICANT:  Jobert, S.
;  APPLICANT:  Giordano, J.Y.
;  TITLE OF INVENTION: ESTs and Encoded Human Proteins.
;  FILE REFERENCE: GENSET.054PR2
;  CURRENT APPLICATION NUMBER: US/09/621,976
;  CURRENT FILING DATE:  2000-07-21
;  NUMBER OF SEQ ID NOS: 19335
;  SOFTWARE: Patent.pm
; SEQ ID NO 6902
;   LENGTH: 89
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-621-976-6902

  Query Match           53.1%;  Score 425;  DB 2;  Length 89;
  Best Local Similarity   100.0%;  Pred. No. 6.8e-42;
  Matches   81;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy         28 MKEIGSNCLNNEFNFFKRHICDANKEGMFLFRAARKLRQFLKMNSTGDFDLHLLKVSEGT 87
              |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          1 MKEIGSNCLNNEFNFFKRHICDANKEGMFLFRAARKLRQFLKMNSTGDFDLHLLKVSEGT 60

Qy         88 TILLNCTGQVKGRKPAALGEA 108
              |||||||||||||||||||||
Db         61 TILLNCTGQVKGRKPAALGEA 81


Search completed: August 14, 2007, 11:03:31
Job time : 39 secs
```